Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"5673555".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/28 07:57
S1	358	60/272.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 07:32
S2	1128	60/277.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 07:32
S3	452	60/282.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 07:32
S4	1910	60/285.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 07:32
S5	965	60/295.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 07:32
S6	1181	60/299.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 07:34
S7	3987	(S1 S2 S3 S4 S5 S6) and @pd<"20030908"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 07:36

S8	747	S7 and (lean with time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 07:36
S9	624	S8 and (rich with time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 07:36
S10	461	S9 and (lean near5 time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 07:36
S11	398	S10 and (rich near5 time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 07:37
S12	354	S11 and (lean with rich with ratio)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 07:38
S13	2	"5743084".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 07:41
S14	0	S7 and "count lean time"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 07:41
S15	85	("5402641" | "5406790" | "5437153" | "5473887" | "5473890" | "5483795" | "5657625").PN. OR ("5743084").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/21 07:42
S16	16	S7 and ("lean time" with "rich time")	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 08:37
S17	8	(S2 and @pd<"20030908") and ("lean time" with "rich time")	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/21 09:55

S18	1	"6357224".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/21 09:55
S19	1	"60".clas. and ("predetermined ratio" with "lean time")	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/21 10:27
S20	1	"60".clas. and ("expected ratio" with "lean time")	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/21 10:27
S21	0	("2005/0050879").URPN.	USPAT	OR	ON	2005/12/21 10:28
S22	11	"60".clas. and ("lean time" with "rich time" with "ratio")	USPAT	OR	ON	2005/12/21 10:28
S23	6	(US-6347514-$ or US-6244046-$ or US-6148612-$ or US-5673555-$ or US-6327849-$ or US-5311737-$). did.	USPAT	OR	ON	2005/12/21 10:30
S24	4	S7 and ("lean time" with "rich time" with correct$5)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/21 10:32
S25	85	("5402641" | "5406790" | "5437153" | "5473887" | "5473890" | "5483795" | "5657625").PN. OR ("5743084").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/21 10:44
S26	1	"5673555".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/21 10:44
S27	12	("5134847" | "5289678" | "5377558").PN. OR ("5673555"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/21 11:15
S28	148	(S5 and @pd<"20030908") and ("rich" and "lean")	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/21 11:18
S29	0	(S5 and @pd<"20030908") and ("rich" and "lean") and "60"".""277". ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/21 11:18
S30	75	S2 and S5	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/21 11:18
S31	56	(S2 and S5) and @pd<"20030908"	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/21 13:17
S32	358	60/272.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 13:18

S33	1128	60/277.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 13:18
S34	452	60/282.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 13:18
S35	1910	60/285.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 13:18
S36	965	60/295.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 13:18
S37	1181	60/299.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 13:18
S38	3987	(S32 S33 S34 S35 S36 S37) and @pd<"20030908"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 13:18
S39	43	S38 and ("lean" same "NOx concentration")	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/21 13:22
S40	19	S36 and ("lean" same "NOx concentration")	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/21 13:37
S41	8	S36 and ("lean" same "NOx concentration") and @pd<"20030908"	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/21 13:23
S42	42	("4526001" | "5357791" | "5402641" | "5433074" | "5437153" | "5450722" | "5471836" | "5473887" | "5778666" | "5778667" | "5848529" | "5894725").PN. OR ("6148612").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/21 15:42

S43	358	60/272.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 08:38
S44	1128	60/277.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 08:38
S45	452	60/282.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 08:38
S46	1910	60/285.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 08:38
S47	966	60/295.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 08:38
S48	1181	60/299.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 08:38
S49	3987	(S43 S44 S45 S46 S47 S48) and @pd<"20030908"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 08:38
S50	1092	S49 and ("lean" with "rich")	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 08:38
S51	738	S49 and (("lean" with "rich")same (period or time or cycle))	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 08:38
S52	622	S49 and (("lean" near5 "rich")same (period or time or cycle))	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 09:56

S53	165	((S44 and S46) and (("lean" near5 "rich")same (period or time or cycle))) and @pd<"20030908"	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 08:40
S54	143	((S44 and S46) and (("lean" near5 "rich") same ((period or time or cycle)and ratio))) and @pd<"20030908"	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 09:44
S55	3	((S44 and S46) and (("lean" near5 "rich") same ((period or time or cycle)and ratio))) and @pd<"20030908" and "adaptive control"	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 09:45
S56	16	S49 and (("lean" near5 "rich")same (period or time or cycle))and "adaptive control"	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 10:15
S57	562	S49 and ((adjust correct calculate determine set) with rich) and ((adjust correct calculate determine set) with lean)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 10:17
S58	562	S49 and (("adjust" "correct" "calculate" "determine" "set") with rich) and ((adjust correct calculate determine set) with lean)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 10:18
S59	410	S49 and (("adjust" "correct" "calculate" "determine" "set") with rich and level) and ((adjust correct calculate determine set) with lean)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 10:18
S60	253	S49 and (("adjust" "correct" "calculate" "determine" "set") with rich and level) and ((adjust correct calculate determine set) with lean and NOx)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 10:18
S61	48	S49 and (("adjust" "correct" "calculate" "determine" "set") with (rich and level)) and ((adjust correct calculate determine set) with (lean and NOx))	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 10:27
S62	120	S49 and ((adjust correct control set) with (rich and level)) and ((adjust correct control set) with (lean and NOx))	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 10:28
S63	12	S49 and ((adjust correct control set) with (rich near5 level)) and ((adjust correct control set) with (lean and NOx))	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 11:09
S64	1	"5090199".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 11:46
S65	8	S46 and @pd<"20030908" and ("rich period" and "lean period")	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 11:48

S66	0	(jing adj sun).in. (yong-wha adj kim).in.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 11:49
S67	0	(jing adj sun).in.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 12:38
S68	2	(S46 and @pd<"20030908") and (("rich period" or "rich time" or "rich cycle")with (rich near3 level))	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 12:44
S69	14	(S46 and @pd<"20030908") and (((rich near3 period) or (rich near3 time) or (rich near3 cycle))with (rich near3 level))	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 13:03
S70	0	(S46 and @pd<"20030908") and (((rich near3 period) or (rich near3 time) or (rich near3 cycle))with ("oxygen level"))	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 13:04
S71	1	(S49 and @pd<"20030908") and (((rich near3 period) or (rich near3 time) or (rich near3 cycle))with ("oxygen level"))	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 13:05
S72	0	(S46 and @pd<"20030908") and (((rich near3 period) or (rich near3 time) or (rich near3 cycle))with ((oxygen near3 level)))	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 13:05
S73	1	(S46 and @pd<"20030908") and (((rich near3 period) or (rich near3 time) or (rich near3 cycle))same ((oxygen near3 level)))	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 13:06
S74	0	(S46 and @pd<"20030908") and ("oxygen level" with (rich near5 control))	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 13:06
S75	68	(S46 and @pd<"20030908") and ("oxygen" with (rich near5 control))	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 15:20
S76	872	"7" and (ratio with function with lean)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 15:20
S77	1	"7" and ("expected ratio" with function with lean)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 15:22
S78	0	"7" and (predetermined near 3ratio with function with lean)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/22 15:23
S79	20	"7" and ((predetermined near3 ratio) with function with lean)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/28 06:27
S80	1	"60".clas. and ("stored" with "ratio" with "function" with "lean time")	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/28 06:29

S81	6	"60".clas. and ("function" with "lean time")	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/28 06:30
S82	4	"60".clas. and ("graph" with "lean time")	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/28 06:33
S83	1	"60".clas. and ("memory" with "lean time")	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/28 06:33
S84	18	"60".clas. and ("memory" with (lean and (duration or time or period)))	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/28 06:34
S85	45	"60".clas. and ("graph" with (lean and (duration or time or period)))	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/28 06:35
S86	84	"60".clas. and ("map" with (lean and (duration or time or period)))	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/28 06:36
S87	66	("60".clas. and ("map" with (lean and (duration or time or period)))) and @pd<"20030908"	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/28 06:37
S88	1	("60".clas. and ("map" with ("lean duration" or "lean time" or "lean period"))) and @pd<"20030908"	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/28 06:37
S89	7	("60".clas. and ("map" with ((lean near2 duration) or (lean near2 time) or (lean near2 period)))) and @pd<"20030908"	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/28 07:57